

AUCTION SALE
— of —
FURNITURE, TOOLS, ETC.

The undersigned has been instructed by the Executrix of the Estate of

GEORGE MUNN

to sell by auction at the residence, Guelph St., Georgetown, south of Armstrong's Garage, on

SATURDAY, MARCH 20th
at 1:30 the following:

Antique haircloth living room suite of sofa, bench rocker, arm chair and two chairs. All in good condition; 6 antique haircloth cane bottom chairs; organ stool; 2 antique rockers; Advanced electric washer in good condition; extension table; 6 dining chairs; rug, 8x12; Axminster; small buffet; Raymond sewing machine, in good condition; 3 rocking chairs; 2 arm chairs; 2 small oak dresser and washstand; 2 dressers and washstands; 2 wooden beds, springs and mattresses; small wardrobe; new spring filled mattress; drop leaf kitchen table and four chairs; 4 small tables; card table; cabinet electric radio; needs some repairs; good ice box; kitchen cupboard; Quebec kitchen range; coal oil heater; galvanized bath tub; new electric iron; 2 clothes racks; buffalo robe. Dishes, kitchen utensils, bedding, etc.; 2 children's sleighs; garden tools; number of other tools; cross cut saw; cow chains; scythes; small churn; lawnmower; milk strainer; buck saw; cream can with top.

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**NEWS AND ITEMS OF INTEREST
TO HALTON FARMERS**

PLOUGHMAN'S FOLLY

The publication of a book entitled "Plowman's Folly" by E. H. Faulkner aroused a good deal of interest back in 1943 and has left many people doing a bit of wondering ever since. If you read the book, you will recall Mr. Faulkner suggested that the plow is responsible for soil impoverishment, a great deal of disastrous erosion and reduced crop yields. He suggested the abandonment of plowing irrigation, use of commercial fertilizers, and spraying. In place of these he would simply disc into the top soil heavy crops of rye as green manure.

By the very simple expedient of throwing away the plow and using a disc, Mr. Faulkner maintains that the following results will accrue:

1. Erosion will be controlled.
2. The soil will be enriched with more plant nutrients.
3. Yields will be increased on any given acre.
4. More vegetables will be produced with higher food value.
5. Drought will be prevented.
6. There will be no excessive water in the soil.
7. A reduction in damage by diseases and parasites will result.
8. A reduction in the growth of weeds will also be realized.
9. Farm work will be simplified and less arduous.

It was therefore most interesting to hear an address at the annual meeting of the Ontario Crop Improvement Association in Toronto last month by Dr. P. O. Ripley of the Central Experimental Farm, Ottawa. As Dr. Ripley pointed out,

| | Corn | Oats | Barley | Clover |
|-------------------------|-------|------|--------|--------|
| One way disc 3" deep | 12.97 | 60.5 | 28.1 | 2.67 |
| Disc plow, 3" deep | 14.89 | 66.1 | 33.3 | 3.01 |
| Disc plow, 7" deep | 15.15 | 68. | 34.1 | 3.05 |
| Mouldboard plow 3" deep | 16.22 | 68.3 | 35.4 | 3.11 |
| Mouldboard plow 7" deep | 16.60 | 67.3 | 35.1 | 3.16 |

In this experiment provision was made to allow for the plowing of clover seed for corn, corn stubble for oats and oat stubble for barley. All of the standard sorts of plowing were included. It is very clearly shown that discing even with a one-way disc which does a more thorough job than a disc-harrow is distinctly inferior to either the disc or mouldboard plows for all classes of plowing or reaping. Further-

It had been a recommended practice in the drier sections of the Prairie Provinces for many years to till the soil by what came to be known as "Plowless Fallow." No plow was used, but rather the land was cultivated with a one-way disc, a rod or a blade weeder. It was not for the purpose of building up the organic matter in the soil, for in these areas most of the soil was high in humus. It was for the purpose of maintaining a trash-cover of stubble, straw, weeds and crop residues on the surface to prevent wind erosion. As pointed out by Dr. Ripley it is very effective from this standpoint and to that point he was in agreement with Mr. Faulkner.

Following the publication of Mr. Faulkner's book, the staff of the Field Husbandry Division decided to test the method. In brief their experience in 1944, 1945 and 1946 in attempting to disc the rye into the soil always met with some difficulties. In 1944 the spring was rather wet and backward. It was June before the rye could be worked into the soil for the corn crop. After going over the rye six times with a heavy one way disc they still found the rye was not in the slightest degree worked into the soil. It was finally plowed with a mouldboard plow. Dr. Ripley presented a good deal of interesting data on the relative moisture levels where rye versus no rye was plowed down at various depths ranging from 2 or 3 inches to 9 to 12 inches. We feel the most interesting part of his address to Halton farmers however, pertains to an experiment conducted over a 12 year period at Ottawa using different implements at various depths of tillage. Here it is:

| | Corn | Oats | Barley | Clover |
|-------------------------|-------|------|--------|--------|
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| Disc plow, 3" deep | 14.89 | 66.1 | 33.3 | 3.01 |
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| Mouldboard plow 7" deep | 16.60 | 67.3 | 35.1 | 3.16 |

more, the mouldboard plow seems to be slightly superior to the disc plow. Plowing seven-inches deep has been very slightly but not significantly superior to three inch plowing. According to Dr. Ripley, "Plowing is not folly in Eastern Canada, but it need not be deep plowing." I wonder if Halton farmers could agree with Dr. Ripley in this final statement?

**DR. ARCHER WALLACE TO
ADDRESS MILK PRODUCERS**

The annual entertainment or theatre night jointly sponsored by Halton Holstein Breeders Club and Halton Milk Producers' Association is scheduled for the Princess Theatre, Milton, on Wednesday evening, March 24th.

This annual event always draws a packed house and the directors of the two associations report there is already the usual strong demand for tickets.

Dr. Archer Wallace of Toronto is to be the guest-speaker. His subject "A Tale of Two Cities" will be in the form of an illustrated address. The assisting artists will be up to the usual high standard.

**WEEDLESS CORN WITHOUT
CULTIVATION**

In a recent issue of one of the American Farm Journals there is an interesting and amazing story of weed control in corn by means of 2-4-D. According to the article there has already been some small, practically weedless plots of corn raised without ever seeing a cultivator. The method was simply to kill the weed seed in the extreme top soil with 2-4-D and leave the ground untouched for the rest of the season. I. W. Kephart, weed expert of the USDA is reported to be one of the first to put it in practical use. A year ago last spring Kephart got his garden sweet corn in early. He planted a few rows more than usual. Next morning he received an assignment that was to take him out of the country for four months. Then he thought of all that sweet corn he had just planted. What would take care of it? His next thought was his 2-4-D spray rig. Why not try spraying the ground with the weed killer? Perhaps it would kill enough weed seed to keep the garden from becoming a jungle. In late summer when Kephart returned home, there was no sweet corn left (the family had taken care of that) but neither were there any weeds. The only vegetation outside of the stalks was a few clumps of crab grass.

About the same time, John Anderson, a crops specialist, was trying something new at the Rutgers Experiment Station in New Jersey. A week after he planted seven varieties of hybrid corn he sprayed part of the rows with 2-4-D. Others he did not. For a third group he mixed 2-4-D with a fertilizer and used it as a top dressing. Although it rained three times soon after-

ward, few weeds grew in any of the treated rows.

There is still much to be learned about the idea before it can become a recommended practice. According to the article in question, the corn treated with 2-4-D and grown without cultivation yielded just as much as corn that was cultivated.

Last fall the writer personally saw a field of corn near Woodstock which had been sprayed with 2-4-D for control of weeds. Unfortunately we have forgotten the details but as we recall it had been sprayed after the corn was a couple of feet high. In any event it was an excellent crop of corn and clean as a whip except for a few patches where apparently the sprayers had not been working properly. There the pigweed, ratweed, lamb's quarters, etc., were two or three feet high.

It sounds sort of fantastic but it's just possible we may see the day soon when we can harvest a weed-free crop that has never been cultivated. In any event we understand the Halton Crop Improvement Association has some tentative plans to carry on some demonstration work with 2-4-D in corn fields this coming summer. Maybe we'll know how practical and effective it is by next fall.

Jersey cow, Royal Nancy Fern, 96488, bred by Gerald Graham, Georgetown, and owned and tested by the Estate of N. L. Nathanson, Maple Crest Farms, Maple, Ontario, has completed her seven record at ten years of age. Fern's total butterfat production is 7,484 lbs., and in her last record produced 10,617 lbs. milk, 555 lbs. fat with an average test of 5.23 per cent. Fern is a daughter of the outstanding sire Brampton Favorite Royalist one of the highest production sires ever used in Canada.

—Mr. and Mrs. L. W. Butt of Huttonville, Ontario, are internationally known as growers and developers of gladioli and at Huttonville they grow gladioli by the acre. They are also establishing an outstanding Jersey herd. One of their cows has recently completed a splendid record. Wishtonswish Doris—bred by H. Hunter Arnott of Streetsville, Ontario and owned and tested at the Butt farm, has produced in 305 days, 9,334 lbs. milk, 557 lbs. fa with an average test of 5.97 per cent. Doris, for her outstanding production, has been awarded a Silver Medal Certificate by the Canadian Jersey Cattle Club.

**MAJOR THE REV. H. P.
CHARTERS**

Major the Rev. Henry Peirson Charters, L.Th., ED., Rector of St. Cyprian's Anglican Church, died suddenly at his home, 33 Wells St., Toronto, Wednesday, Mar. 8. A son of the late Mr. and Mrs. Samuel Charters of Brampton, he was in his 54th year.

A veteran of both the First and Second World Wars he enlisted in 1916 with 198th Canadian Buffs, serving overseas as a combatant officer with the 4th Canadian Mounted Rifles in England and France. During the recent conflict he was a member of the Canadian Chaplain Service and served in England as a padre of the 15th General Hospital and was at one time Principal Protestant Chaplain with the Canadian Army Overseas.

Educated in Brampton Public and High Schools, he graduated from Trinity College, Toronto, in 1921 and entered the ministry as curate at St. John's Norway, Toronto, later becoming Rector of St. Agnes' Church, Long Branch. For the past 19 years he had been rector of St. Cyprian's Anglican Church in Toronto. Married in April, 1922, to the former Norma Naitness of Brampton, the couple marked their silver wedding anniversary on April 25th, 1947.

For many years he was padre of the Peel and Dufferin Regiment and later with the Lorne Scots. Prior to his enlistment in the Chaplain Services in 1939 he was padre of Christie Street Hospital. Since his return from overseas he had been padre of the Ontario Civil Service War Veterans' Association, and was a member of the Canadian Military Institute.

Rev. Mr. Charters in his past 19 years as rector of St. Cyprian's Parish had contributed greatly to the growth and development of the church. He was well and favorably known by his parishioners for the keen interest he maintained in their personal and religious welfare. Surviving beside his widow and one son, Alan H., at home, are two sisters, Mrs. N. (Norine) McFarland and Mrs. T. E. (Jean) Delaney of Brampton; two brothers, Reginald, Brampton; and Clarence, Ottawa.

Funeral service was conducted by Bishop A. R. Beverly, at St. Cyprian's Church, Toronto, on Saturday afternoon at 2 o'clock, with interment in Brampton Cemetery.

— Brampton Conservator

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